राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार तीसरी मंजिल, पीटीआई बिल्डिंग, 4-संसद मार्ग, नई दिल्ली 110001

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India 3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001, +91 11 2346 1600, www.nhidcl.com





सार्वजनिक क्षेत्र का उपक्रम

A PUBLIC SECTOR UNDERTAKING

NHIDCL/J&K/DPR-3/2018 / 632

03.06.2020

To,

M/s Geo Consult India Pvt. LtdRITES Ltd. (JV)	M/s Tec Cuatro S.A. in JV with ATC and in		
Email: acquisition@geoconsult.co.in	association with AIA and Devico AS		
sayeed.anjum@geoconsult.co.in	Email: <u>ec-4@tec-4.es</u> ,		
	anandjiwalainfra@gmail.com		
M/s Eptisa India Pvt. Ltd. in association with	M/s SMEC International Pty. LtdSMEC		
Eptisa Servicios De Ingenieria S.L.	(India) Pvt. Ltd.		
Email: vsehgal@eptisa.com	Email: sushil.Kumar@smec.com		
M/s Subterra Engineering India Pvt. Ltd. in	M/s TPF GETINSA EUROESTUDIOS S.L.		
association with Space Engg. Consortium Pvt. Ltd.	Email: maria.palacio@tpfingenieria.com		
Email: jbundela@subterra-ing.com			
M/s ERKAAS and Turkish Engineering Consulting			
& Contracting-TUMAS India Pvt Ltd. (JV) in			
association with AVOK Engineering Consulting &			
Contracting Pvt. Ltd.			
Email: dp.singh@tumas.com.tr			

Subject: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh - **Technical Evaluation Result -**reg.

Ref: Your Bid dated 18.05.2020.

Sir,

Please refer to your proposal for the project cited above. In this regard first and second stage evaluation result is as under:

Sr. no	Name of the Firm		Status of Eligibility	
(i)	M/s Geo Consult India Pvt. LtdRITES Ltd. (JV)	82.55	Eligible	
(ii)	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.	91.18	Eligible	
(iii)	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	79.41	Eligible	

(iv)	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.	79.37	Eligible
(v)	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.	79.01	Eligible
(vi)	M/s TPF GETINSA EUROESTUDIOS S.L.	84.86	Eligible
(vii)	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.	73.27	Eligible

2. The Financial bids of the eligible bidders shall be opened on 04.06.2020 at 1100 hrs.

(B. Shivprasad)

General Manager (Tech.)

Encl: Detailed Evaluation.

National Highways & Infrastructure Development Corporation Limited (Ministry of Road Transport & Highways, Government of India)

Date: 03.06.2020 (1600 Hrs)

Venue: PTI Building, 3rd Floor, Conference Hall, NHIDCL HQ, New Delhi.

Subject: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh.

- 1. First stage evaluation of the seven firms was carried out on 21.05.2020 at 1500 hrs (MoM are attached as **Annexure-I**). Second stage evaluation of the six firms which had qualified in the first stage was carried out on 22.05.2020 (MoM is attached as **Annexure-II**). The scores of the firms in the second stage evaluation were uploaded on the website and the bidders were given an opportunity to respond by 27.05.2020 upto 1500 hrs. Thereafter, the financial bids were planned to be opened on 29.05.2020 at 1100 hrs.
- 2. Representations were received from the following within the stipulated time-frame:-
 - (a) Representation dated 24.05.2020 from M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt. Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd. which had been declared non responsive in the first stage of technical evaluation dt. 23.05.2020.
 - (b) M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS dt. 25.05.2020.
 - (c) Three representations from M/s SMEC International Pty. Ltd dt. 26.05.2020, 27.05.2020 and 29.05.2020.
 - (d) Representation from M/s SUBTERRA Engineering India Pvt. Ltd. dt. 29.05.2020.
 - (e) Representation from M/s EPTISA India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L. dt. 24.05.2020.
- 3. Detailed reply to the representation from M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt. Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd. mentioned under Para 2(a) above was forwarded by this office vide letter No. NHIDCL/J&K/DPR-3/2018/604 dt. 28.05.2020. The firm was requested to submit their response if any, by 29.05.2020 upto 2000 hrs. Accordingly, the firm submitted its reply vide their letter No ER-TU/NHIDCL/2020/DPR/Tunnel/04 dt. 29.05.2020. It is to be mentioned that M/s ERKAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt. Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd. submitted their bid with 2 JV partners, which is why the firm was declared non-responsive during the earlier evaluation process. However, vide their representation, had intimated that out of the two firms, one is in JV and the other is a parent company of the Indian Firm. A JV Agreement between M/s ERKAS and TUMAS India was also submitted along with the bid. Hence, ETEC considered the firm as responsive and the bid was further evaluated as per the 2nd stage evaluation process. Further, the committee examined the reply of M/s ERKAS JV with

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reference to experience in Directional Coring and found that the same is not satisfactory and decided not to consider these projects in evaluation.

- 4. Similarly, the representations of M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS and M/s SMEC International SMEC (India) Pvt. Ltd. and reply of M/s SUBTERRA Engineering Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd., with reference to the clarifications raised vide this office letter dated 28.05.2020 was examined by the Committee.
- 5. In view of the above, a thorough examination of Technical evaluation for all the Key Personnel and firms was carried out. Summary of the final technical evaluation is covered in succeeding paras.

5.1 Relevant experience for assignments:

The marks obtained by firms towards relevant experience for assignments are enclosed as **Annexure-III** and marks obtained are given below:

- 5.1.1 On examining the representation of M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS., it has been observed that (i) Earlier under Sr. No. 3, even though 3 projects were listed, marks for only 2 projects were given. The same has been corrected and (ii) Earlier under Sr. no. 4, 1 project of DEVICO at Sr no. 4 of INFRACON was not considered. The same has now been considered.
- 5.1.2 On examining the representation of M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd., it has been observed that the bidder is claiming for projects where Supervision and Feasibility were carried out whereas the requirement was of DPR only. Hence, there is no change in the earlier evaluation.
- 5.1.3 On examining the representation of M/s EPTISA India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L, it has been observed that the bidder is claiming for projects where Supervision and Feasibility were carried out whereas the requirement was of DPR only. Hence, there is no change in the earlier evaluation.

Sr. No.	Name of the firm	Maximum Marks	Earlier published marks	Revised Marks obtained
1.	M/s Geo Consult India Pvt. LtdRITES Ltd. (JV)		30	30
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.		35	39
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.		28	28
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.		26	26
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.	40	29.5	29.5
6.	M/s TPF GETINSA EUROESTUDIOS S.L.		30	30
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.		-	22

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5.2 <u>Material Testing Survey and Investigation Equipment and Software proposed to be used:</u>

The marks obtained by the firms towards Material Testing Survey and Investigation Equipment and Software proposed for assignments are enclosed as **Annexure-IV** and marks obtained are given below:

Sr. No.	Name of the firm	Maximum Marks	Marks obtained
1.	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)		9.75
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.		10
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.		9.5
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.		9.75
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.	8.75	
6.	M/s TPF GETINSA EUROESTUDIOS S.L.		9.5
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.		8.75

5.3 Qualifications and relevant experience of the proposed key personnel

The experience of the key personnel of firms towards Qualifications and Relevant Experience of the Assignments proposed were re-evaluated / re-considered based on the representations by the bidders and the revised marks obtained vis-à-vis the earlier published marks are given below. The details of the same is annexed at **Annexure-V**:

(i) M/s GeoConsult India Pvt. Ltd. In JV with RITES Ltd.

		marks	GeoConsult India Pvt. Ltd. In JV with RITES Ltd.			
S. No.	Position		Name	Earlier published marks	Revised Marks	
1	Team Leader cum Senior Tunnel Expert	12	Lalit Kumar	10.92	11.04	
2	Tunnel Design Expert	10	Florian Krenn	8.90	8.60	
3	Sr. Ventilation & Fire Safety Expert	8	Bernhard Happerger	6.96	6.96	
4	Senior Geotechnical Expert	10	Ravindra Dutta	8.00	8.60	
5	Directional Coring Expert	10	Subrata Kumar	9.20	7.60	
	Total	50		43.98	42.80	

(ii) M/s Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS.

S.	Position	Total marks	Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS			
No.		- E	Name	Earlier published marks	Revised Marks	
1~	Team Leader cum Senior Tunnel Expert	12	Francisco Javier Castanedo	11.40	11.28	
2	Tunnel Design Expert	10	Diana Castanedo	7.40	6.90	
3	Sr. Ventilation & Fire Safety Expert	8	Francisco Antonio Avazques Buceta	7.60	8.00	

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4	Senior Geotechnical Expert	10	Fleix Maria Lasheras Albert	9.00	7.50
5	Directional Coring Expert	10	Chris Wai Kay Tai	9.50	8.50
	Total	50		44.90	42.18

(iii) M/s Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.

		arks	Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.		
S. No.	Position	Total marks	Name	Earlier published marks	Revised Marks
1	Team Leader cum Senior Tunnel Expert	12	Ram Bachan Shivali	10.32	9.00
2	Tunnel Design Expert	10	Dr. Jorg Holzhuser	9.30	7.90
3	Sr. Ventilation & Fire Safety Expert	8	Alexander Rudolf	7.36	7.36
4	Senior Geotechnical Expert	10	Sindu Kumar Bagati	9.00	7.80
5	Directional Coring Expert	10	Arindom Ganguly	9.45	9.85
	Total	50		45.43	41.91

(iv) M/s SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.

S.	Position	marks	SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.			
No.		Total	Name	Earlier published marks	Revised Marks	
1	Team Leader cum Senior Tunnel Expert	12	Ulrich Peter Rehm	11.16	11.28	
2	Tunnel Design Expert	10	B R Sharma	8.70	7.90	
3	Sr. Ventilation & Fire Safety Expert	8	Rovert W Dunlop	7.44	7.44	
4	Senior Geotechnical Expert	10	Aurelio Arespacochaga Arangena	8.00	8.00	
5	Directional Coring Expert	10	Eirik Borg	9.00	9.00	
	Total	50		44.30	43.62	

(v) M/s Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt. Ltd.

S. No.	Position		Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.		
			Name	Earlier published marks	Revised Marks
1	Team Leader cum Senior Tunnel Expert	12	Abolghasem Parpinchi	11.16	11.28
2	Tunnel Design Expert	10	Francisco Jose Gracia Pro	9.00	9.00
3	Sr. Ventilation & Fire Safety Expert	8	Bhanoo P. Verma	7.60	6.48
4	Senior Geotechnical Expert	10	Majid Sarrami	9.00	8.60
5	Directional Coring Expert	10	Sheikh Abdul Ahad	6.50	5.4
	Total	50		43.26	40.76

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(vi) M/s TPF Getinsa Eurostudios S.L.

S.		Total marks	TPF Getinsa E	urostudios S.L.	
No	No Position Etg		Name	Earlier published marks	Revised Marks
1	Team Leader cum Senior Tunnel Expert	12	Yousef Eshaghpour Rahimabadi	11.40	11.40
2	Tunnel Design Expert	10	Hamed Moammeri Otorabad	8.60	8.80
3	Sr. Ventilation & Fire Safety Expert	8	Sunit Kanti Dhar	7.20	6.96
4	Senior Geotechnical Expert	10	Joan Santamaria Casanovas	8.90	8.70
5	Directional Coring Expert	10	Christian Alejandro Monardez Arancibia	9.50	9.50
	Total	50		45.60	45.36

(vii) M/s ERKAS- Turkish Engg Consulting & Contracting-TUMAS in association with AVOK.

S. No.	Position	Total marks	ERKAS- Turkish Engg Consulting & Contracting-TUMAS in association with AVOK			
		Tot	Name	Marks		
1	Team Leader cum Senior Tunnel Expert	12	Nail Unlu	11.04		
2	Tunnel Design Expert	10	Turker Arzu	9.30		
3	Sr. Ventilation & Fire Safety Expert	8	Lebipahmet Byukeren	6.08		
4	Senior Geotechnical Expert	10	Cine Salih	9.50		
5	Directional Coring Expert	10	Neslihan Ozefe	6.60		
	Total	50		42.52		

6. The final technical scores (Annexure-VI) are worked out as under:

	Summary of ev	aluation of Tech	nnical Proposal	<u> s</u>		
S. No.		Relevant experience for assignments	Material Testing S&I Equipment and Software	Qualifications & competence of the key personnel	Total marks	Remarks
17	Maximum Mark	40	10	50	100	
1	M/s Geo Consult India Pvt. Ltd. – RITES Ltd. (JV)	30	9.75	42.80	82.55	Eligible for opening of financial proposal
2	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.	39	10	42.18	91.18	Eligible for opening of financial proposal
3	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	28	9.5	41.91	79.41	Eligible for opening of financial proposal
4	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.	26	9.75	43.62	79.37	Eligible for opening of financial proposal
5	M/s Subterra Engg. India Pvt. Ltd. in ass. with Space Engg. Consortium Pvt. Ltd.	29.5	8.75	40.76	79.01	Eligible for opening of financial proposal

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	Summary of ev	/aluation of Tech	nical Proposal	<u>s</u>		
S. No.		Relevant experience for assignments	Material Testing S&I Equipment and Software	Qualifications & competence of the key personnel	Total marks	Remarks
	Maximum Mark	40	10	50	100	
6	M/s TPF GETINSA EUROESTUDIOS S.L.	30	9.5	45.36	84.86	Eligible for opening of financial proposal
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.	22	8.75	42.52	73.27	Eligible for opening of financial proposal

- In view of the above, ETEC recommended that the following firms qualify for the 7. Financial Bid Opening:
 - i. M/s Geo Consult India Pvt. Ltd. -RITES Ltd. (JV)
 - M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS. ii.
 - M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L. iii.
 - M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd. iv.
 - M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd. ٧.
 - M/s TPF GETINSA EUROESTUDIOS S.L. vi.
 - M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in vii. association with AVOK Engineering Consulting & Contracting Pvt. Ltd
- 8. The ETEC thus, recommended the following:-
 - Scores of the firms in the final evaluation as brought out in Para 6 above be (a) made available on the website.
 - The Financial Bids may be opened on 04.06.2020 at 1100 Hrs with the approval (b) of the Competent Authority.

Meeting ended with vote of thanks to the Chair. 9. There is no representatives in respect of temorer. Here no coments from

Sh. Mahesh Gupta DGM (Fin.)

(Member)

Sh. B. Shipprasad GM (Tech.)

(Member Secretary)

DGM (Tech.)

(Member)

Sh. Sanjeev Malik Executive Director-III

(Convener)

National Highways & Infrastructure Development Corporation Limited (Ministry of Road Transport & Highways, Government of India)

Date: 21.05.2020 (1500 Hrs)

Venue: PTI Building, 3rd Floor, Conference Hall, NHIDCL HQ, New Delhi.

1st Minutes of Meeting of Empowered Technical Bid Evaluation Committee (ETEC) for "Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh".

The following firms had submitted their bids on the CPP Portal by due date and time.

SI. No.	Name of Firm					
1.	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)					
2.	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.					
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.					
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.					
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.					
6.	M/s TPF GETINSA EUROESTUDIOS S.L.					
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.					

- 2. Having opened the Technical bids on 19.052020, the Committee (ETEC) met on 21.05.2020 to undertake the 1st Stage Evaluation in accordance with the provisions of RFP and noted the following:
- (i) As per para 1.4 of LOI the technical proposal were to be received through Infracon by making it mandatory for firms and personnel to register on the portal.
- (ii) The committee further noted that as per clause 1.4 of LOI, the consultant shall submits proposal either in sole capacity or in JV or in association. Also JV shall not have more than 2 firms.
- (iii) As per clause 2.2 the proposal shall be received through Infracon and the consultant should upload the proposal using the Infracon portal and procedure prescribed in it.
- (iv) It was informed by the technical division that being the consultancy services for preparation of Tunnel DPR the proposal submitted through INFRACON needs to be evaluated manually.

3. First Stage Evaluation:

3.1 The Committee noted the requirements of documents in support of proof of eligibility as per clause 3.1 of Letter of Invitation. The ETEC carried out further evaluation in terms of proof of eligibility and the detailed evaluation is attached at Annexure-I. The evaluation result is tabulated below:

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Details of documents to be submitted online Pvt. Ltd Consult India S.A. in JV with Amandjiwalia India Pvt. Ltd Anandjiwalia India Pvt. Ltd In association with Eptisa Consult India Consultancy and Pvt. Ltd In association with Eptisa Consult India Consultancy and Devico AS. Yes Bid Security of required value The firms(s) have required experience Evaluation sheet at Annexure-I) The firms(s) have required unrover (Evaluation sheet at Annexure-I) The documents are properly signed by the authorized signationes and whether the proposal contains proper POA as mentioned at para 1.8.1 above The proposal shave been received on or before the dead into of firms, the proposal share been received on or before the dead into of legality binding Memorandum of Understanding (MCU) on a stamp paper of Rs. 100. signed by all firms to the joint venture/Association as detailed at para 1.8.2 above										
Mis Tec Cuatro S.A. in JV with Mis Eptisa Anandjiwala Pyt. Ltd. – In association with Anandjiwala Devico As. Yes Received Yes Received Yes Received Yes Received Yes		7.	6.	Ċī	4.	·ω	2.		SI. No	
Mis Tec Cuatro S.A. in JV with Anandjiwala in association with Epitsa Advisory and Devico As. Yes Received Yes Received Yes		of firms, the proposal shall be accompanied by a certified copy of legally binding Memorandum of Understanding (MOU) on a stamp paper of Rs. 100, signed by all firms to the joint venture/Association as detailed at para 1.8.2 above	The proposals have been received on or before the dead line of submission.	The documents are properly signed by the authorized signatories and whether the proposal contains proper POA as mentioned at para 1.8.1 above	The firms(s) have required turnover (Evaluation sheet at Annexure-I)	The firms(s) have required experience (Evaluation sheet at Annexure-I)	The Proposal is accompanied by Bid Security of required value	The proposal is accompanied by Document fee	Details of documents to be submitted online	
Name of Bidders 3 4 5 6 Mis Eptisa Mis Eptisa India Pvt. Ltd. International Pty. With Space Servicios De Ingenieria S.L. Yes Received Yes Received Yes Received Yes		Ύes	Yes	Yes (scan copy)	Yes	Yes	Yes Received	Yes Received	M/s Geo Consult India Pvt. Ltd. – RITES Ltd. (JV)	
Name of Bidders 4 5 6 M/s Subterra Engineering India Pvt. Ltd. GETINSA LtdSMEC (India) with Space Pvt. Ltd. Yes Received Received Received Received Pves Received Received Received Pves Received Pves Received Pves Pves Pves Pves Pves Pves Pves Pves	No UDINON CA CENTROUS THUMBONS	Ύes	Yes	Yes (Scan Copy)	Yes	Yes	Yes Received	Yes Received	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.	2
M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd. Yes Received Yes Received Yes Yes (Scan Copy) Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye		≺es	Yes	Yes (Scan Copy)	Yes	Yes	Yes Received	Yes Received	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	ω
MIS TPF GETINSA EUROESTUDIOS S.L. Yes Received Yes Received Yes (Scan Copy) Yes		≺es	Yes	Yes (Scan Copy)	Yes	Yes	Yes Received	Yes Received	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.	Name of Bidders 4
MIS TPF GETINSA EUROESTUDIOS S.L. Yes Received Yes Received Yes (Scan Copy) Yes	N/GO ON	Yes	Yes	Yes (Scan Copy)	Yes	Yes	Yes Received	Yes Received	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.	ហ
M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd. Yes Received Yes Received Yes (Scan Copy) Yes Yes. However, it has been observed that there are more than two JV partners on INFRACON due to which the applicant has been declared non responsive.	Sinterpolytopa.	Yes Yes	Yes	Yes (Scan Copy)	Yes	Yes	Yes Received	Yes Received	M/s TPF GETINSA EUROESTUDIOS S.L.	6
	in me available		Yes	Yes (Scan Copy)	Yes	Yes	Yes Received	Yes Received	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.	7

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M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt 3.2 Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.

The proposal was examined and As per clause 1.4 of LOI - The consultants shall submit proposals either in sole capacity or in JV and/or in Association. Joint Venture shall not have more than two firms. It was observed from the Joint Venture agreement submitted alongwith technical proposal that the bidder has JV of two firms namely M/s Era-as and M/s Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. However, they have made Joint Venture of three firm on INFRACON namely M/s ERKAAS, M/s. TUMAS and M/s Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. in association with AVOK Engineering Consulting & Contracting Pvt. Ltd. which is against the RFP criteria of maximum 2 firms in JV and hence, declared non-responsive.

The Committee after due deliberation recommended that the following responsive 4. firms are eligible for the second stage of bid evaluation:

S. No.	Name of the Applicants	Eligibility
1.	M/s Geo Consult India Pvt. LtdRITES Ltd. (JV)	Responsive
2.	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.	Responsive
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	Responsive
4.	M/s SMEC International Pty. LtdSMEC (India) Pvt. Ltd.	Responsive
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.	Responsive
6.	M/s TPF GETINSA EUROESTUDIOS S.L.	Responsive
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.	Non- Responsive

Meeting ended with vote of thanks to the Chair.

Sh. Mahesh Gupta DGM (Fin.)

(Member)

Sh. B. Shivprasad GM (Tech.) (Member Secretary)

DGM (Tech.)

(Member)

Sh. Sanjeev Malik Executive Director-III (Convener)

National Highways & Infrastructure Development Corporation Limited (Ministry of Road Transport & Highways, Government of India)

Date: 22.05.2020 (1500 Hrs)

Venue: PTI Building, 3rd Floor, Conference Hall, NHIDCL HQ, New Delhi.

Subject: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh - Second Stage Evaluation.

The following seven firms submitted their bids online through INFRACON and CPP Portal for the subject project by due date and time.

SI. No.	Name of Firm
1.	M/s Geo Consult India Pvt. LtdRITES Ltd. (JV)
2.	M/s Tec Cuatro S.A. in JV with Anandjiwala Technical consultancy and in association with Anandjiwala Infra Advisory and Devico AS.
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.
4.	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engineering Consortium Pvt. Ltd.
6.	M/s TPF GETINSA EUROESTUDIOS S.L.
7.	M/s ERKAAS and Turkish Engineering Consulting & Contracting-TUMAS India Pvt Ltd. (JV) in association with AVOK Engineering Consulting & Contracting Pvt. Ltd.

2. The Committee met on 21.05.2020 to finalize the 1st stage evaluation (MOM attached as **Annexure-I**). The following firms had qualified for Second Stage Evaluation i.e. Technical Evaluation:

SI. No.	Name of Firm					
1.	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)					
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.					
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.					
4.	M/s SMEC International Pty. LtdSMEC (India) Pvt. Ltd.					
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.					
6.	M/s TPF GETINSA EUROESTUDIOS S.L.					

3. The second stage evaluation of the above mentioned qualified firms were carried out. The key points observed during second stage evaluation are summed up as follows:

Page 1

3.1 Relevant experience for assignments:-

The marks obtained by the firms towards relevant experience for assignments are enclosed as **Annexure-II** and marks obtained are given below:

Sr. No.	Name of the firm	Maximum Marks	Marks obtained
1.	M/s Geo Consult India Pvt. LtdRITES Ltd. (JV)		30
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.		35
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	40	28
4.	M/s SMEC International Pty. LtdSMEC (India) Pvt. Ltd.		26
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.		29.5
6.	M/s TPF GETINSA EUROESTUDIOS S.L.		30

3.2 <u>Material Testing Survey and Investigation Equipment and Software proposed to be used:</u>

The marks obtained by the firms towards Material Testing Survey and Investigation Equipment and Software proposed for assignments are enclosed as **Annexure-III** and marks obtained are given below:

Sr. No.	Name of the firm	Maximum Marks	Marks obtained
1.	M/s Geo Consult India Pvt. LtdRITES Ltd. (JV)		9.75
2.	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.		10
3.	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	10	9.5
4.	M/s SMEC International Pty. LtdSMEC (India) Pvt. Ltd.		9.75
5.	M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg. Consortium Pvt. Ltd.		8.75
6.	M/s TPF GETINSA EUROESTUDIOS S.L.		9.5

3.3 Qualifications and relevant experience of the proposed key personnel

The marks obtained by the key personnel of the firms towards Qualifications and Relevant experience of the proposed for assignments are enclosed as **Annexure-IV** and marks obtained are given below:

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	Total marks				2	3		
Position				and in associa	S.A. in JV with ATC tion with AIA and ico AS	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.		
		Name	Marks	Name	Marks	Name	Marks	
Team Leader cum Sr. Tunnel expert	12	Lalit Kumar	10.92	Francisco Javier Castanedo	11.40	Ram Bachan Shivali	10.32	
Tunnel Design Expert	10	Florian Krenn	8.90	Diana Castanedo	7.40	Dr. Jorg Holzhuser	9.30	
Sr. Ventilation & Fire Safety Expert	8	Bernhard happerger	6.96	Francisco Antonio AVazques Buceta	7.60	Alexander Rudolf	7.36	
Sr. Geotechnical Expert	10	Ravindra Dutta	8.00	Fleix Maria Lasheras Albert	9.00	Sindu Kumar Bagati	9.00	
Directional Coring Expert	10	Subrata Kumar	9.20	Chris Wai Kay Tai	9.50	Arindom Ganguly	9.45	
Total	50		43.98		44.90		45.43	

Position Team Leader cum Sr. Tunnel expert Tunnel Design Expert					5	6		
	Total marks			Ltd. in associa	ineering India Pvt. tion with Space rtium Pvt. Ltd	M/s TPF Getinsa Eurostudios S.L.		
		Name	Marks	Name	Marks	Name	Marks	
cum Sr. Tunnel	12	Ulrich Peter Rehm	11.16	Abolghasem Parpinchi	11.16	Yousef Eshaghpour Rahimabadi	11.40	
	10	B R Sharma	8.70	Francisco Jose Gracia Pro	9.00	Hamed Moammeri Otorabad	8.60	
Sr. Ventilation & Fire Safety Expert	8	Rovert W Dunlop	7.44	Bhanoo P. Verma	7.60	Sunit Kanti Dhar	7.20	
Sr. Geotechnical Expert	10	Aurelio Arespacocha ga Arangena	8.00	Majid Sarrami	9.00	Joan Santamaria Casanovas	8.90	
Directional Coring Expert	10	Eirik Borg	9.00	Sheikh Abdul Ahad	6.50	Christian Alejandro Monardez Arancibia	9.50	
Total	50		44.30		43.26		45.60	

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5. The final technical scores (Annexure-V) were worked out as under:

	Summary o	f evaluation of T	echnical Propos	<u>als</u>		
S. No.		Relevant experience for assignments	Material Testing S&I Equipment and Software	Qualifications & competence of the key personnel	Total marks	Remarks
	Maximum Mark	40	10	50	100	
1	M/s Geo Consult India Pvt. Ltd. –RITES Ltd. (JV)	30	9.75	43.98	83.73	Eligible for opening of financial proposal
2	M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.	35	10	44.90	89.90	Eligible for opening of financial proposal
3	M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.	28	9.5	45.43	82.93	Eligible for opening of financial proposal
4	M/s SMEC International Pty. Ltd. –SMEC (India) Pvt. Ltd.	26	9.75	44.30	80.05	Eligible for opening of financial proposal
5	M/s Subterra Engg. India Pvt. Ltd. in ass. with Space Engg. Consortium Pvt. Ltd.	29.5	8.75	43.26	81.51	Eligible for opening of financial proposal
6	M/s TPF GETINSA EUROESTUDIOS S.L.	30	9.5	45.60	85.10	Eligible for opening of financial proposal

6. In view of the above, ETEC recommended that the following firms qualify for the Financial Bid Opening:

- 1. M/s Geo Consult India Pvt. Ltd. -RITES Ltd. (JV)
- 2. M/s Tec Cuatro S.A. in JV with ATC and in association with AIA and Devico AS.
- 3. M/s Eptisa India Pvt. Ltd. in association with Eptisa Servicios De Ingenieria S.L.
- 4. M/s SMEC International Pty. Ltd. -SMEC (India) Pvt. Ltd.
 - M/s Subterra Engineering India Pvt. Ltd. in association with Space Engg.
- 5. Consortium Pvt. Ltd.
- 6. M/s TPF GETINSA EUROESTUDIOS S.L.

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7. The ETEC, thus, recommended that

- i) The scores of the firms towards second stage evaluation as brought out in the para 5 above the list of the technically qualified bidders be made available on the website giving opportunity to the bidders to respond.
- ii) The Financial Bids may be opened subsequently with the approval of the Competent Authority.

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Meeting ended with vote of thanks to the Chair.

Sh. Mahesh Gupta DGM (Fin.) (Member) Sh. B. Shivprasad GM (Tech.) (Member Secretary)

Sh. A.K. Jha DGM (Tech.) (Member) Sh. Sanjeev Malik Executive Director-III (Convener)

Project Name: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh

Evaluation for assessment of experience of the firms (Relevent experience of firm for assignment)

S. No.	Description	Maximum marks	GeoConsult India Pvt. Ltd. In JV with RITES I	Ltd.	Tec Cuatro S.A. in JV with ATC and in Associa	ation with	Eptisa India Pvt Ltd in Association with Eptisa Servi Ingenieria S.L.	cios De	e SMEC International Pty. Ltd. in JV with SMEC Pvt. Ltd.	(India)	Subterra Engineering India Pvt Ltd. in Associat Space Engineers Consortium Pvt Ltd.	tion with	TPF Getinsa Eurostudios S.L.		ERKAS- Turkish Engg Consulting & Contracting association with AVOK	ng-TUMAS in
				Marks		Marks		Marks		Marks		Marks		Marks		Marks
1.1.1	Aggregate length of DPR/Feasibility study of Road/Rail/Metro Tunnel projects More than the indicative length - 6 Marks More than 1.5 times the indicative length - 7 Marks More than 2 times the indicative length - 8 Marks	8	Project serial nos. as on INFRACON SINo. 6: (0.75*10.200 m) = 1650 m DPR SI no. 8: (1*8450 m) = 8450 m DPR SI no. 10: (1*13210 m) = 13210 m DPR (29310 m)	8	Project serial nos, as on INFRACON SI No. 2: (1*900 m.) = 3000 m. DPR SI no. 3: (1*2226 m) = 2226 m. DPR SI no. 4: (1*425 m) = 425 m. DPR SI no. 6: (0.5*23000 m) = 11500 m. FS SI no. 6: (0.5*23000 m) = 11500 m. FS SI no. 7: (1*988 m.) = 988 m. DPR (23819 m.)	8	Project serial nos, as on INFRACON SI No. 30; (17-310 m) = 7310 m DPR SI no. 44; (1*630 m) = 630 m DPR SI no. 51; (1*6656 m) = 6656 m DPR SI no. 61; (1*6150 m) = 6150 m DPR SI no. 72; (0.75*10000 m) = 7500 m SI SI no. 78; (1*2500 m) = 2500 m	8	Project serial nos. as on INFRACON SI No. 49 : (0.75* 1000 m) = 750 m FS SI no. 57 : (0.75* 2100 m) = 1574 m DPR SI no. 65 : (1*8500 m) = 8500 m FS SI no. 70 : (0.5*9000 m) = 4500 m DPR SI no. 70 : (0.5*9000 m) = 4500 m DPR SI no. 79 : (1*6500 m) = 6500 m FS (21074m)	8	Project serial nos. as on INFRACON SI No. 3: (1*5250 m) = 5250 m DPR SI no. 6: (1*15292 m) = 15292 m DPR SI no. 7: (1*3000 m) = 3000 m DPR SI no. 11: (1*5650 m) = 5650 m FS SI no. 11: (1*5650 m) = 5650 m DPR SI no. 13: (0.75*22000 m) = 16500 m DPR SI no. 14: (1*1916 m) = 1916 m DPR (47608 m)		Project serial nos. as on INFRACON SI No. 36: (0.757-3897 m) = 2923 m DPR SI no. 52: (1*2180 m) = 2180 m DPR SI no. 107: (1*12600 m) = 12600 m DPR SI no. 107: (1*8000 m) = 8000 m DPR SI no. 132: (1*8000 m) = 10000 m DPR SI no. 132: (1*10000 m) = 10000 m DPR (35703 m)	8	Project Sr nos. as on INFRACON (ERKA) Sl no. 5 : (0.5*12936 m) = 6468 m DPR Project Sr nos. as on INFRACON (TUMAS) Sl no. 1 : (1*3774 m) = 3774 m DPR (10242 m)	6
1.2.1 1.2.2 1.2.3	DPR of Road/Rail/Metro Tunnel projects each equal to or more than 40% of indicative tunnel length (or Feasibility Study for Road/Rail/Metro Lunnel project each equal to or more than 60% of indicative tunnel length) 1 Projects - 5 Marks 2 Projects - 6 marks 5 or more projects - 7 marks	7	Project serial nos, as on INFRACON SI No. 6: (0.75*10200 m) = 7650 m DPR SI no. 8: (1*4850 m) = 4850 m DPR SI no. 10: (1*13210 m) = 13210 m DPR (3 Projects)	7	Project serial nos. as on INFRACON SI no. 5 : (1*5680 m) = 5680 m DPR SI no. 6 : (0.5*23000 m) = 11500 m FS (2 Projects)	6	Project serial nos, as on INFRACON SI No. 30 : (1*7310 m) = 7310 m DPR SI no. 51 : (1*6656 m) = 6656 m SI no. 51 : (1*6656 m) = 6656 m DPR SI no. 61 : (1*6150 m) = 6150 m DPR SI no. 72 : (4 Projects)	7	Project serial nos. as on INFRACON Sl no. 65 : (1*8500 m) = 8500 m Sl no. 70 : (0.5*9000 m) = 4500 m Sl no. 79 : (1*6500 m) = 6500 m (3 Projects)	7	Project serial nos. as on INFRACON SINo. 3: (1*5250 m) = 5250 m DPR SIno. 6: (1*15292 m) = 15292 m DPR SIno. 11: (1*5650 m) = 56500 m FS SIno. 13: (0.75*22000 m) = 16500 m DPR (4 Projects m)	7	Project serial nos. as on INFRACON SI no. 107: (1*12600 m) = 12600 m DPR SI no. 132: (1*8000 m) = 8000 m DPR SI no. 132: (1*10000 m) = 100000 m DPR (3 Projects)	7	Project Sr nos, as on INFRACON (ERKA) Sl no, 5 : (0.5*12880 m) = 6440 m DPR (1 Project)	5
2.1 1 2.2 1 2.3 1	Specific experience of firms in terms of turnover Firm Average Turnover of last 5 years >= 50 crore Firm Average Turnover of last 5 years >= 20 crore but < 50 crore 5.5 Marks Firm's Average Turnover of last 5 years < 20 crore 1 Marks	5	Rs 16.876 Crore - Geo Consult Rs 1553.40 Crore - RITES	5	Rs 98.98 Crore	5	Rs 823.17 Crore	5	Rs 1606.45 Crore	5	Rs 29.578 Crore	4.5	Rs 280.54 Crore	5	Rs 280.54 Crore	5
3.1	PPR for Road/Rail/Metro Tunnel projects in Hills or at an devation of more than 1000 m Projects - 6 Marks projects - 8 marks		Project serial nos. as on INFRACON SI No. 6: (0.75*10200 m) = 7650 m DPR SI no. 8: (1*8450 m) = 8450 m DPR SI no. 10: (1*13210 m) = 13210 m DPR (3 Projects)	10	Project serial nos. as on INFRACON SI No. 2 : (1*3000 m) = 3000 m DPR SI no. 3 : (1*2226 m) = 2226 m DPR SI no. 4 : (1*425 m) = 425 m DPR (3 Projects)		Project serial nos, as on INFRACON SI No. 30 : (1*73.10 m) = 7310 m	8	Project serial nos. as on INFRACON SI no. 70 : (0.5*9000 m) = 4500 m DPR (1 Project)	6	Project serial nos. as on INFRACON SI No. 3 : (1*5250 m) = 5250 m DPR SI no. 6 : (1*15292 m) = 15292 m DPR SI no. 7 : (1*3000 m) = 3000 m DPR (3 Projects)	10	Project serial nos, as on INFRACON SI no. 107: (1*12600 m) = 12600 m DPR SI no. 132: (1*8000 m) = 8000 m DPR SI no. 132: (1*10000 m) = 10000 m DPR (3 Projects)	10	Project Sr nos, as on INFRACON (ERKA) SI no. 5 : (0.5*12936 m) = 6448 m DPR	6
3 (d) is s in (d)	Carried out Airborne Electromagnetic Survey (AEM) (non- ntrusive geophysical survey) to the depth of 300 M and have uccessfully prepared interpretative engineering geological nodel using the data so obtained. OR Directional Coring for investigating preparing record of round conditions and geological information for a minimum orizontal length of 500M at a depth of 200M of more from round surface Tunnel / project - 6 Marks Tunnels / projects - 8 Marks Tunnels / projects or more - 10 Marks	10	0	0	Device's Project Sr. No. as on INFRACON SI No. 1: 1.–960 m. D=390m SI No. 2: 1.–1650 m. D=360m SI No. 4: L= 1200 m. D=235m Projects) (3	10	0	0	0	0	0	0	0	0	0	0
	otal	40		30		39				26						+

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Project Name: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh

Evaluation for assesment of Material T	esting Survey and Investigation	Equipment and Software
L'altation for assessment of fraction i	esting sur to justice and to see	

S. No.	Description	Maximum marks	Sub- Points	GeoConsult India Powith RITES		Tec Cuatro S.A. in J and in Association v Devico As	vith AIA &	Eptisa India Pvt Association with Eptis De Ingenieria	a Servicios	SMEC International JV with SMEC (Indi		Subterra Engineering Ltd. in Association w Engineers Consortiun	ith Space	TPF Getinsa Eurost	tudios S.L.	Consulting of TUMAS in a	Furkish Engg & Contracting- association with VOK
-				Details	Marks	Details	Marks	Details	Marks	Details	Marks	Details	Marks	Details	Marks	Details	Marks
1	Availability of in-house material testing facility	4															
1.1	Available		4	Available	4	Available	4	Available	4	Available	4	Outsourced	3.25	Available	4	Outsourced	3.25
1,2	Outsourced or through associate		3.25														
2	Field Investigation Facilities	2															
2.1	(a) Geo Technical Investigation	1		Available	1	Available	1	Outsourced	0.75	Outsourced	0.75	Outsourced	0.75	Outsourced	0.75	Outsourced	0.75
	Available		1	Available	1	Available		Outsourced	0.75	o utsourceu	0.75	o attour cou				,	489,990,790,8
	Outsourced or through associate		0.75					*									
2.2	(b) Pavement Investigation	1						200	80000000	W #0.044000		er en			0.77		0.75
	Available		1	Outsourced	0.75	Available	1	Outsourced	0.75	Available	1	Outsourced	0.75	Outsourced	0.75	Outsourced	0.75
	Outsourced		0.75														
3	Availability of Office Equipment and Software for Tunnel Projects with persons/resources having operational skills of the equipment	4		Available	4	Available	4	Available	4	Available	4	Available	4	Available	4	Available	4
3.1	Available		4														1
3.2	Outsourced or through associate		3.25														
	Total	10			9.75		10		9.5		9.75		8.75		9.5		8.75

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Evaluation of Technical Proposal - Summary of Key Personnel

Project Name: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh

			1		2		3		4		5		6		1	7
S. No.	Position	Total marks	GeoConsult India Po JV with RITES		Tec Cuatro S.A. in JV and in Association wi Devico AS	th AIA &	Eptisa India Pvt Ltd in A with Eptisa Servicios De S.L.		SMEC International with SMEC (Indi		Subterra Engineerin Association with S Consortiun	Space Engineers	TPF Getinsa Eurost	udios S.L.	ERKAS- Tu Consulting & TUMAS in as	Contracting- sociation with
			Name	Marks	Name	Marks	Name	Marks	Name	Marks	Name	Marks	Name	Marks	Name	Marks
1	Team Leader cum Senior Tunnel Expert	12	Lalit Kumar	11.04	Francisco Javier Castanedo	11.28	Ram Bachan Shivali	9.00	Ulrich Peter Rehm	11.28	Abolghasem Parpinchi	11.28	Yousef Eshaghpour Rahimabadi	11.4	Nail Unlu	11.04
- 2	Tunnel Design Expert	10	Florian Krenn	8.6	Diana Castanedo	6.90	Dr. Jorg Holzhuser	7.90	B R Sharma	7.9	Francisco Jose Gracia Pro	9	Hamed Moammeri Otorabad	8.8	Turker Arzu	9.3
3	Sr. Ventilation & Fire Safety Expert	8	Bernhard happerger	6.96	Francisco Antonio AVazques Buceta	8.00	Alexander Rudolf	7.36	Rovert W Dunlop	7.44	Bhanoo P. Verma	6.48	Sunit Kanti Dhar	6.96	Lebipahmet Byukeren	6.08
4	Senior Geotechnical Expert	10	Ravindra Dutta	8.6	Fleix Maria Lasheras Albert	7.50	Sindu Kumar Bagati	7.80	Aurelio Arespacochaga Arangena	8	Majid Sarrami	8.6	Joan Santamaria Casanovas	8.7	Cine Salih	9.5
5	Directional Coring Expert	10	Subrata Kumar	7.6	Chris Wai Kay Tai	8.50	Arindom Ganguly	9.85	Eirik Borg	9	Sheikh Abdul Ahad	5.4	Christian Alejandro Monardez Arancibia	9.5	Neslihan Ozefe	6.6
	Total	50		42.8		42.18		41.91		43.62		40.76		45.36		42.52

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Name of the Bid	der →	GeoConsult India Pvt. Ltd. In JV with RITES Ltd.	Tec Cuatro S.A. in JV with ATC and in Association with AIA & Devico AS	Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.	SMEC International Pty. Ltd. in JV with SMEC (India) Pvt. Ltd.	Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.	TPF Getinsa Eurostudios S.L.	ERKAS- Turkish Engg Consulting & Contracting-TUMAS in association with AVOK
Key Personals ↓	Max.Marks	Project Name : Consul	ltancy Services for Preparation approaches acr			Pre-Construction activities La in the Union Territory		vay Tunnel including
Team Leader cum Senior Tunnel Expert	12	Lalit Kumar	Francisco Javier Castanedo	Ram Bachan Shivali	Ulrich Peter Rehm	Abolghasem Parpinchi	Yousef Eshaghpour Rahimabadi	Nail Unlu
Tunnel Design Expert	10	Florian Krenn	Diana Castanedo	Dr. Jorg Holzhuser	B R Sharma	Francisco Jose Gracia Pro	Hamed Moammeri Otorabad	Turker Arzu
Sr. Ventilation & Fire Safety Expert	8	Bernhard happerger	Francisco Antonio AVazques Buceta	Alexander Rudolf	Rovert W Dunlop	Bhanoo P. Verma	Sunit Kanti Dhar	Lebipahmet Byukeren
Senior Geotechnical Expert	10	Ravindra Dutta	Fleix Maria Lasheras Albert	Sindu Kumar Bagati	Aurelio Arespacochaga Arangena	Majid Sarrami	Joan Santamaria Casanovas	Cine Salih
Directional Coring Expert	10	Subrata Kumar	Chris Wai Kay Tai	Arindom Ganguly	Eirik Borg	Sheikh Abdul Ahad	Christian Alejandro Monardez Arancibia	Neslihan Ozefe



												T	eam Le	ader c	um Senio	or Tunr	nel Exp	ert												
	Name of the Bidde	r→		GeoCons	ult India Pvt	. Ltd. In JV	with RITES Ltd	Tec Cuatro		with ATC ar A & Devico	nd in Association AS	n Eptisa Ir		in Associat De Ingenieri	ion with Eptisa a S.L.	SMEC In		Pty. Ltd. in a) Pvt. Ltd.	JV with SMEC		ion with Spa	ering India I ace Enginee vt Ltd.	Pvt Ltd. in rs Consortium		TPF Getinsa E	urostudios	S.L.			ig Consulting & in association OK
Sr. No.	Name of the KEY PERS				_	it Kumar			Francisco	any construction of the same				achan Shiva	-			Peter Rehm			THE RESERVE THE PERSON NAMED IN	sem Parpino			Yousef Eshagh				Nail Un	
	Description		Max. Points	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Result	s Earlier published	Max. Points	Reference	Results	Max. Points	Reference
I	General Qualification	-+	25	20	results 20	Claimed 20	-	25	results 25	Claimed 25		25	results 20	Claimed 25	-	25	results 25	Claimed 0		25	results 25	Claimed 25		25	results 25	Claimed 25		25	Claimed 25	
i)	Degree in Civil Engineering/Tunnel		20	20	20	20		20	20	20		20	20	20		20	20			20	20	20		20	20	20		20	20	
	Engineering / Mining Engineering		20	20	20	20		20	20	20		20	20	20		20	20			20	20	20		20	20	20		20	20	
ii)	Post Graduation in Civil Engineering /Tunnel Engineering/Mining Enginee	ing	5	0	0	0		5	5	5		5	0	5		5	5			5	5	5		5	5	5		5	5	
п	Relevant Experience & Adequacy for Project	r the	70	67	66	67		69	70	70		50	66	70		69	68	0		69	. 68	69		70	70	70		62	70	
(a)	Total Professional Experience		10																											
	<20 years 0 20-25 years 8			9	9	9	27.57	10	10	10	39.68	10	10	10	32.71	10	8		28.5	10	9	9	28.02	10	10	10	34	10	10	27.23
	>25-28 years 9 >28 years 10	+																												
(b)	Experience in Tunnel Projects		40	40	39	39		39	40	40		22	36	40		39	40	0		40	40	40		40	40	40		32	40	
	(i) Professional experience in handling		8										İ																	
				8	8	8	16.79	8	8	8	37.68	7	6	8	14.42	8	8		24.38	8	8	8	28.02	8	8	8	29	8	8	27.23
	>14 – 15 years 7 >15 years 8																													×.
	(ii) Experience in major* tunnel construction /construction supervision projects (Road/Rail/Metro)	n	8				>15 years				,					-					-									
	<10 years 0	-		8	8	8	- 15 years	8	8	8	26.92	0	7	8	6.3	8	8		13.58	8	8	8	14.16	8	8	8	16.13	0	8	6.6
	>=10 - 12 years 7 >12 years 8																													
	(iii)Experience in preparation of D	PR	8																											
	or Feasibility report of major tunnel projects (Road/Rail/Metro) <10 years 0	-	_	8	7	7	>12 years	7	8	8	10.76	7	7	8	11.01	8	8		14.9	8	8	8	13.85	8	8	8	13.13	8	8	19.88
	>=10 – 12 years 7 >12 years 8	-	=																											
	(iv) Experience in DPR preparation minimum 5 km Tunnel length	of	8	8	8	8	3 projects	8	8	8	3 projects	8	8	8	3 projects	8	8		7 projects	8	8	8	4 projects	8	8	8	5 projects	8	8	3 projects
	< 3 projects 0 3 or more projects 8																		180											
	(v) Experience in construction / construction supervision/ preparatio DPR/feasibility report of major tunn projects (Road/Rail/metro) using NA	el	8	8	8	8	>12 years	8	8	8	30.61	0	8	8	5.45	7	8		10.21	8	8	8	28	8	8	8	15.91	8	8	26.48
	<10 years 0 >=10 - 12 years 7																													
c)	>12 years 8 Experience in Similar Capacity	2	20	18	18	19		20	20	20		18	20	20		20	20	0	82 11 = 1	19	19	20		20	20	20		20	20	and the gray
	(i) Experience as Team Leader or si capacity in major t	milar unnel	10																											
	construction/construction super- projects (Road/Rail/Metro) = 2 projects 8 = 3 to 5 projects 9 > 5 or more 10	rision		8	8	9	2 projects	10	10	10	18 projects	8	10	10	2 projects	10	10		6 projects	9	9	10	1 project	10	10	10	6 projects	10	10	5 projects
	> 5 or more 10		\top																											
	(ii) Experience as Team Leader or sit capacity in preparation of DPR or Feasibility report of major tunnel pro (Road/Rail/Metro) =2 projects 8		10	10	10	10		10	10	10	5 projects	10	10	10	6 projects	10	10		5 projects	10	10	10	1 project	10	10	10	6 projects	10	10	7 projects
	= 3 to 5 projects 9																													
III	> 5 or more 10 Employment with Firm	500	5	5	5	5		0	0	0		0	0	0			0	0		- A 11-	0	0		0 150	0	0		outre lake	5	
318807	Less than 1 Year 0		,	3	3	3		U	U	U		0	U	0		0	U	U		0	U	0		U	U TOUR	0		5	3	*
	Add 0.5 marks for each subsequent year subject			5	5	5		0	0	0		0	0	0		0	0			0	0	0		0	0	0		5	5	
	to maximum of 2 marks Total	10	00	92	91	92		94	95	95		75	86	95		94	93	0		94	93	94		95	95	95		92	100	
				11.04	10.92	11.04	505	11.28	11.4	11.4		9	10.32	11.4		11.28	11.16			11.28	11.16	11.28		11.4	11.4	11.4		11.04		
Age on	bid due date: Not more than 70 years.						DOB- 25/5/1952				DOB-8/5/1979				DOB- 04/08/1961				DOB- 20/12/1964				DOB- 21/03/1963				DOB-04/08/1959			DOB- 12/01/1956
	nel Project = having length more than 1. city for Team Leader cum Senior Tunne						(67 years)				(41 years)			L	(58 years)				(55 years)	L			(57 years)	L	L	L	(60 years)			(64 years)

Similar Capacity for Team Leader cum Senior Tunnel Expert

<sup>i) On behalf of the Consultant/Contractor:
ii) In Government Organizations:</sup>

													Tun	nel De	sign E	xpert													*	
	Name of the Bidd			GeoConsu	ult India Pvt. Lt	. Ltd. In JV td.	with RITES	53935 63	uatro S.A. in cociation with				ndia Pvt Lto a Servicios			SMEC Into		ty. Ltd. in J Pvt. Ltd.	V with SMEC	Subter Asso	rra Engineer ociation with Consorti	ring India Pr n Space Eng um Pvt Ltd.	vt Ltd. in jineers		TPF Getinsa	a Eurostudio	os S.L.	& C	Turkish Eng ontracting-T ociation wi	
Sr. No.	Name of the KEY PERS	ONAL →	-	p : 1	_	Krenn			Diana Ca				_	Holzhuser	_			Sharma			rancisco Jo	-	-			ammeri Otor			Turker A	rzu
	Description	Max.	. Points	Revised Results	Earlier published	Max. Points Claimed	Reference	Revised Results	Earlier published	Max. Points Claimed	Reference	Revised Results	Earlier published	Max. Point Claimed		Revised Results	Earlier published	Max. Points Claimed	Reference	Revised Results	Earlier published	Max. Point Claimed	Reference	Revised Results	Earlier published	Max. Point Claimed	Reference	Max. Poin	s Max. Poin	ts Reference
					results				results				results				results				results				results		- Keiterenee	obtained	Claimed	Keierence
i)	General Qualification Degree in Civil/ Mining Engineering		25	25	25	25		25	20	25		25	25	25		20	20	0		20	20	20		25	25	25		20	20	
- 36			20	20	20	20		20	20	20		20	20	20		20	20			20	20	20		20	20	20		20	20	
ii)	Post Graduation in Design/Structural Engineering or equivalent		5	5	5	5		5	0	5		5	5	5		0	0			0	0	0		5	5	5		0	0	
II	Relevant Experience & Adequacy f Project	or the 7	70	56	59	55		44	54	70		54	68	68		59	67	0		70	70	70		63	61	61		68	68	
(a)	Total Professional Experience	1	10																		 	_	_		+	+		+	+	+
_	<15 years 0 15-20 years 8			8	8	8	16.64	8	0	10	15.39	8	10	10	16.97	10	10		40.55	10	10	10	25	9	9	9	20.94	10	10	27.38
	>20 -25years 9 >25years 10	-			100				1 1000						-0262000000		C05565			550007		100,700								
(b)	Experience in Tunnel Projects	3	30	26	26	20		20	24	30		16	28	28		22	30	0		30	30	30		26	24	24		28	28	
	(i) Professional experience in handl	na 1	10																									T		
	major tunnel projects (Road/Rail/M							,															1					1		
	<10 years 0 >=10-12 years 6	_	_	10	10	10	15.15	10	8	10	14.62	10	10	10	14.97	10	10		20.98	10	10	10	19.39	10	10	10	20.94	10	10	27.38
	>12 -14 years 8																											1		
	>14 years 10 (ii) Experience in major* tunnel	_	-							-		-											-	-	-	-	-	+	-	+
1	construction/construction supervision projects (Road/Rail/Metro)	on 1	10																							1		1		
	<10 years 0			10	10	10	19.35	10	8	10	14.62	0	10	10	4.92	6	10		10.38	10	10	10	19.09	8	8	8	15.99	8	8	12.21
	>=10-12 years 6 >12-14 years 8			554A	Masked	0.40	MATERIAL CONT.	YOUNG	200°C	11900					00.000	-										1		1		
	>14 years 10																							-				1		
	(iii)Experience in preparation of or Feasibility report of major tunne		10																								†	T		
	projects (Road/Rail/Metro)		.0																					1						
-	<10 years 0 >=10-12 years 6	-		6	6	0	10.58	0	8	10	0	6	8	8	10.05	6	10		10.6	10	10	10	19.38	8	6	6	12.78	10	10	15.18
	>12 -14 years 8 >14 years 10																							1						
c)	Experience in Similar Capacity	30	10	22	25	27		16	30	30		30	30	30		27	27	0		30	30	30	-	28	28	28		30	30	
	(i) Professional Experience as				-20			10	30	30		30	30	30		21	21			30	30	30	 	20	20	20	-	30	30	
	Design Engineer (Structural) <8 years 0	- °	<u> </u>																											1
	>=8-10 years 6			8	6	8	15.15	8	8	8	14.62	8	8	8	14.97	8	7		20.98	8	8	8	23.88	8	8	8	20.94	8	8	27.38
	>10 – 12 years 7 >12 years 8										=															1				
	(ii) Experience as Tunnel Design En	ineer																					<u> </u>	<u> </u>	+	 	 	 	 	†
	(Structural) of major tunnel	8	3																e .							1				
	construction/construction supervision projects (Road/Rail/Metro)	1		8	7	8	14.82	- 8	8	8	14.62	8	8	8	13.25	7	7		10.38	8	8	8	19.09	8	8	8	15.99	8	8	12.21
	<8 years 0 >=8 - 10 years 6			٠	<i>'</i>	Ü	14.02	0	0	0	14.02	8	0	0	13.23	,	,		10.36	0	٥	٥	19.09		•		13.99	•		12.21
	>10-12 years 7							-																		1	1			İ
	>12 years 8		_								1.0																<u> </u>			
	(iii) Experience as Tunnel Design Engineer (Structural) of major tunn	l for		- 1													*							1		1	1			
	preparation of DPR projects (Road/Rail/Metro)	7		- 1				15																			1			
	<8 years 0			0	7	5	4.78	0	7	7	0	7	7	7	13.38	6	7		10.6	7	7	7	19.38	6	6	6	12.78	7	7	15.18
	>=8 - 10 years 5 >10-12 years 6																												1	
	>12 years 7																													
	(iv)Experience as Tunnel Design Eng	ineer																												
	(Structural) in preparation of DPR/	7																								17			1	
	Feasibility report of major tunnel pr (Road/Rail/Metro) using NATM	ojects		6	5	6	3 projects	0	7	7	0	7	7	7	6 projects	6	6		4 projects	7	7	7	9 projects	6	6	6	4 projects	7	7	5 projects
	< 3 projects 0				- 1																					201	1		1	
	>=3-5 projects 6 5 or more projects 7																													
	Employment with Firm Less than 1 Year 0	5		5	5	5		0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		5	5	-
	1-2 years 3				- 1												=							Di_				1		
	Add 0.5 marks for each subsequent year			5	5	5		0	0	0		0	0	0		0	0			0	0	0		0	0	0		5	5	
	subject to maximum of 2 marks							- 1	1																					
	Total	100	0	86	89	85		69	74	95		79	93	93		79	87	0		90	90	90		88	86	86		93	93	
		10	0	8.6	8.9	8.5		6.9	7.4	9.5		7.9	9.3	9.3		7.9	8.7	0		9	9	9		8.8	8.6	8.6		9.3		
Age or	n bid due date: Not more than 70 year					- 1	DOB-		1		DOB- 8/5/1979				DOB-		8		DOB-				DOB-				DOB-		1	DOB-
786.01	and auto. Not more than 70 year						14/6/1974 (45 years)			1	(41 years)	11			21/05/1965 (55years)				17/09/1957 (63 years)				13/4/1967				07/06/1976	-		23/02/1967
* Major Tu	nnel Project = having length more tha	n 1.5 km.					(To yours)				(63 years)				(Joyeans)				(63 years)				(53 years)				(43 years)			(53 years)

* Major Tunnel Project = having length more than 1.5 km. Similar Capacity for Team Leader cum Senior Tunnel Expert

i) On behalf of the Consultant/Contractor:

ii) In Government Organizations:

										Sr. V	entila	ation	& Fire	Safet	у Ех	pert													
	Name of the Bidder →		GeoCons	sult India Pv	t. Ltd. In JV	with RITES Ltd.		Cuatro S.A. i ssociation wi					d in Associatio De Ingenieria				ıl Pty. Ltd. i dia) Pvt. Ltd				ing India Pv Space Eng ım Pvt Ltd.		Т	PF Getins	a Eurostudio	os S.L.			g Consulting & in association
Sr.	Name of the KEY PERSONAL →			Bernha	ard happerge	er	Frai	ncisco Antor	nio AVazques	s Buceta		Alex	ander Rudolf			Rovert \	N Dunlop			Bhanoo	P. Verma			Suni	t Kanti Dhar	0	Leb	ipahmet By	yukeren
No.	Description	Max. Points	Revised Results	Earlier published results	Max. Points Claimed	Reference	Revised Results	Earlier published results		Reference	Revised Results		Max. Points Claimed	Reference		Earlier publishe d results	Points	Reference	Results	Earlier publishe d results	Max. Points Claimed	Reference e	Revised Results		Max. Points Claimed	Reference	Max. Points obtained	Max. Points Claimed	Reference
I	General Qualification	25	25	25	25		25	20	25		25	25	25		20	20	0		25	25	25		20	20	20		20	20	
i)	Graduate in Electrical/Mechanical/Ventilation Engineering or equivalent	20	20	20	20		20	20	20		20	20	20		20	20			20	20	20		20	20	20		20	20	
ii)	Post Graduation in Ventilation/ Fire Safety or equivalent	5	5	5	5		5	0	5		5	5	5		0	0			5	5	5		0	0	0		0	0 -	
II	Relevant Experience & Adequacy for the Project	70	62	62	61		70	70	- 70		67	67	67		68	68	0		56	70	70		67	70	70		51	70	
a)	Total Professional Experience	20						 																					
	<15 years 0 15-20 years 15 >20 -25 years 17 >25 years 20		17	17	17	20	20	20	20	28.85	17	17	17	21.17	20	20		29	20	20	20	34.05	20	20	20	32.12	15	20	19.24
b)	Experience in Relevant Works	50	45	45	44		50	50	50		50	50	50	-	48	48	0		36	50	50	-	47	50	50		36	50	+
	(i) Professional experience in Ventilation &/or Fire and Life Safety	12									50					-10			50	50			-1/	50			50		
	<10 years 0 >=10-12 years 9 >12-14 years 11 >14 years 12		12	12	12	15.5	12	12	12	28.85	12	12	12	17.23	12	12		14.37	12	12	12	20.91	9	12	12	10.33	12	12	17.91
	(ii) Experience in Design of Ventilation for tunnelling projects on major Tunnels in preparation of DPR	12																											
	<2 Projects 0 2 Projects 9 3 Projects 11		12	12	12	7 projects	12	12	12	6 projects	12	12	12	11 projects	12	12		11 projects	12	12	12	5 projects	12	12	12	12 projects	12	12	11 projects
	4 Projects 12 (iii) Experience in Fire & Life Safety Design for tunnelling projects on major Tunnels in preparation of DPR	12																											
	<2 Projects 0 2 Projects 9 3 Projects 11		12	12	8	7 projects	12	12	12	6 projects	12	12	12	4 projects	12	12		6 projects	12	12	12	5 projects	12	12	12	11 projects	12	12	11 projects
	4or moreProjects 12 (iv)Experience in Fire & Life Safety Design for tunnelling projects having design HRR of 200 MW or more on major Tunnel	14																											
	<1 Projects 0 1 projects 9 2 projects 12 3 or moreProjects 14		9	9	12	1 project	14	14	14	4 projects	14	14	14	3 projects	12	12		2 projects	0	14	14	0	14	14	14	6 projects	0	14	0
III	Employment with Firm Less than 1 Year 0	5																											
	1-2 years 3 Add 0.5 marks for each subsequent year subject to maximum of 2 5 marks		0	0	0		5	5	5		0	0	0		5	5			0	0	0		0	0	0		5	5	-
	Total	100	87	87	86		100	05	100		02	02	92		02	02			01	05	05		07	00	00		76	05	
	ı vidi	8	6.96	6.96	6.88		8	95 7.6	8		92 7.36	92 7.36	7.36		93 7.44	93 7.44			81 6.48	95 7.6	95 7.6		87 6.96	90 7.2	90 7.2		76 6.08	95 7.6	
	Age on bid due date: Not more than 70 years.					DOB-29/6/1979 (41 years)				DOB- 29/6/1979 (41 years)				DOB- 14/03/1968 (52 years)				DOB- 29/6/1979 (41 years)				DOB- 06/04/195 5 (65 years)				DOB- 13/03/1964 (56 years)			DOB- 04/01/1958 (62 years)

* Major Tunnel Project = having length more than 1.5 km. Similar Capacity for SENIOR VENTILATION & FIRE SAFETY EXPERT

i) On behalf of the Consultant/Contractor: Senior Ventilation & Fire Safety Expert

ii) In Government Organizations: -Nil

			,								,	Senior	Geote	chnica	l Exper	t													
S.No	Name of the Bidder →		GeoCo		Pvt. Ltd. In S Ltd.	JV with		atro S.A. in ciation with				dia Pvt Ltd i Servicios D				ternational				a Engineerin iation with S Consortiun	Space Engi		TP	F Getinsa Eu	urostudios	S.L.	Consu	AS- Turkis Iting & Cor associatio	
51.10	Name of the KEY PERSONAL →			Ravind	ra Dutta		Fle	eix Maria La	sheras Alb	ert		Sindu Kum	ar Bagati		Aureli	o Arespaco	chaga Aran	ngena		Majid Sa	arrami		Jo	an Santama	ria Casano	vas		Cine Sali	h
	Description	Max Marks	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Revised Results	Earlier published	Max. Points	Reference	Max. Points	Max. Points	Reference
I	General Qualification	25	25	results 25	25		25	results 20	25		20	results 20	Claimed 20		25	results 25	0		20	results 20	Claimed 20		25	results 25	25		20	20	
	Degree in Civil Engineering/Mining Engineering / Engineering Geology	20	20	20	20		20	20	20		20	20	20		20	20			20	20	20		20	20	20		20	20	
(II	Post Graduation in Geotechnical Engineering /Foundation Engineering/Rock Mechanics/Geo science or equivalent	5	5	5	5		5	0	5		0	0	0		5	5			0	0	0		5	5	5		0	0	
II	Relevant Experience and Adequacy for the Project	70	56	50	52		50	70	70		58	70	70		50	50	0		66	70	70		62	64	64		70	70	
	Total Profesional Experience <15 Years - 0 marks	10	10	10	10		10	10	10		10	10	10		10	10			10	10	10		10	10	10		10	10	
	15-20 Years - 08 Marks >20-25 Years - 09 Marks >25 Years - 10 Marks					25.1		ì		37.49				26.02	2			29.49				25.92	2			25.55		10	33.1
ł	Experience in Tunnel Projects	30	24	26	20		20	30	30		22	30	30		20	20	0		26	30	30		24	26	26		30	30	
	(i) Professional experience in handling major tunnel projects (Road/Rail/Metro)	10	10	10	10		10	10	10		10	10	10		10	10			10	10	10		10	10	10	9	10	10	
	<10 Years - 0 marks >=10-12 Years - 06 Marks >12-14 Years - 08 Marks >14 Years - 10 Marks					24.92				19.5				22.1				14.66				25.92				25.55			30.78
	(ii) Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro)	10	8	10	10		10	10	10		6	10	10	-	10	10			8	10	10		8	8	8		10	10	
	<10 Years - 0 marks >=10-12 Years - 06 Marks >12-14 Years - 08 Marks >14 Years - 10 Mark					13.66				19.5				11.04				14.64				12.15				13.8			15.5
	(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	10	6	6	0	25	0	10	10		6	10	10		0	0	0		8	10	10		6	8	8		10	10	
	<10 Years - 0 marks >=10-12 Years - 06 Marks >12-14 Years - 08 Marks >14 Years - 10 Mark					11.26				0				11.06				0				13.77		=		11.75			15.28
c	Experience in Similar Capacity	30	22	14	22		20	30	30		26	30	30		20	20	0		30	30	30		28	28	28		30	30	
	(i) Experience as Senior Geotechnical Engineer or similar capacity in major tunnel construction/construction supervision projects (Road/Rail/Metro)	10	6	6	10		10	10	10		8	10	10		10	10			10	10	10		10	10	10		10	10	
	<8 Years - 0 marks >=08-10 Years - 06 Marks >10-12 Years - 08 Marks >12 Years - 10 Mark					8.75				19.5				11.04				12.39				12.15				13.8			15.5
	(ii) Experience as Senior Geotechnical Engineer or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	10	8	0	6		0	10	10		8	10	10		0	0			10	10	10		8	8	8		10	10	
	<8 Years - 0 marks >=08-10 Years - 06 Marks >10-12 Years - 08 Marks >12 Years - 10 Mark				2	11.26		Б		0				11.06				0				13.77				11.75			15.28
	(iii) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	10	8	8	6	8.25	10	10	10	19.5	10	10	10	22.1	10	10		10.10	10	10	10	25.92	10	10	10	17.66	10	10	30.7
	<8 Years - 0 marks >=08-10 Years - 08 Marks >10-12 Years - 10 Marks											18																	
Ш	Employment with the Firm < 1 year -0 1-2 year -3 Add 0.5 marks for each subsequent year subject to maximum 2 marks- 5	5	5	5	5		0	0	0		0	0	0		5	5			0	0	0		0	0	0		5	5	
	TOTAL	100	86 8.6	80	82 8.2		75 7.5	90	95 9.5		78 7.8	90	90		80	80	0		86 8.6	90	90		87 8.7	89 8.9	89 8.9		95 9.5	95	
	Age on bid due date: Not more than 70 years.	1.0	0.0	0		DOB- 30/03/1961 59 Years	1.5	,		DOB- 05/12/1958 61Years	7.0	,	,	DOB- 25/12/1960 59 Years	0	0		DOB- 25/12/1960 59 Years	0.0	,	,	DOB- 11/05/1972 48 Years	0.7	0.7		DOB- 18/01/1960 60 Years	7.3		DOB-02/12/1954 65 Years

^{*} Major Tunnel Project = having length more than 1.5 km.
Similar Capacity for senior Geotechnical Expert
i) On behalf of the Consultant/Contractor:
ii) In Government Organizations: -Nil

											D	irectio	nal Co	oring Ex	pert														
	Name of the Bidder	→	GeoConsu	ult India Pvt. Ltd	d. In JV with F	RITES Ltd.	Tec Cuatr		th ATC and Devico AS	in Association		dia Pvt Ltd ir Servicios De		n with Eptisa S.L.	SMEC I		Pty. Ltd. in . a) Pvt. Ltd.	JV with SMEC		ciation with	ing India Pvi Space Engi im Pvt Ltd.			TPF Getinsa Eu	rostudios S	.L.	& Co	Furkish Engentracting-TU	UMAS in
S.No.	Name of the KEY PERSON	AL →		Subrata	Kumar			Chris Wa	ni Kay Tai			Arindo	n Ganguly			Ei	irik Borg			Sheikh A	bdul Ahad		Chris	stian Alejandro !	Monardez A	rancibia	1	Neslihan Oz	zefe
	Description	Max Marks	Revised Results	Earlier published results	Max. Points Claimed	Reference	Revised Results	Earlier published results	Max. Points Claimed	Reference	Revised Results	Earlier published results	Max. Points Claimed	Reference	Revised Results	Earlier published d results	Points	Reference	Revised Results	Earlier publishe d results	Max. Points Claimed	Referenc e	Revised Results	Earlier published results	Max. Points Claimed	PORCHASTICATION CONTRACT SPACE	Max. Points obtained	Max. Points Claimed	Referen
I	General Qualification	25	25	25	25	10.00	25	20	20		25	25	25		20	20	0		20	20	20		25	25	25		20	20	
(i)	Graduate in Engineering / science/drilling or equivalent	20	20	20	20		20	20	20		20	20	20		20	20			20	20	20		20	20	20		20	20	
(ii)	Post Graduation in drilling or equivalent	5	5	5	5		5	0	0		5	5	5		0	0			0	0	0		5	5	5		0	0	
II	Relevant Experience and	70	46	62	62		55	70	70		70	66	70		70	70	0		29	40	70		70	70	70		46	70	
۵)	Adequacy for the Project Total Profesional Experience	20	20	20	20		20	20	20	-	20	20	20		20	20			20	20	20		20	20	20		20	20	1
a)	10 Years - 0 marks 10-12 Years - 10 Marks >12-15 Years - 15 Marks >15 Years - 20 Marks	20	20	20	20	26.85	20	20	20	23.08	20	20	20	21.87	20	20		16	20	20	20	19.7				19.62			16.06
b)	Experience in Relevant Works	50	26	42	42		35	50	50		50	46	50		50	50	0		9	20	50		50	50	50		26	50	
	(i) Professional experience in handling tunnel/mineral and oil exploration projects	12	12	12	12		9	12	12		12	12	12		12	12			9	12	12		12	12	12		12	12	
	<05 Years - 0 marks >=05-10 Years - 09 Marks >10-12 Years - 11 Marks >12 Years - 12 Marks					26.85				6.32		,		14.08				16				9.7				19.62	3.4		13.39
	(ii) Experience in directional coring for tunneling projects	12	0	12	12		12	12	12	-	12	12	12		12	12			0	0	12		12	12	12		0	12	
	<1 project - 0 marks 1 Project - 08 Marks 2 or more projects- 12 Marks					0				7 projects				2 projects				4 projects				0				4 projects			0
	(iii) Experience directional coring for tunnelling projects at an elevation above 1000 m	12	0	8	8		0	12	12		12	12	12		12	12			0	8	12		12	12	12		0	12	
	<1 project - 0 marks 1 Project - 08 Marks 2 or more projects- 12 Marks					0				0				2 projects				3 project	-			0				4 projects			0
	(iv) Experience of directional coring/geotechnical investigation in more than one country	14	14	10	10		14	14	14		14	10	14		14	14			0	0	14		14	14	14		14	14	
	< 2 country - 0 marks 2 country - 10 Marks 3 country or more- 14 Marks					4 countries				> 3 countries				3 countries				> 3 countries				0				3 countries			3 countri
Ш	Employment with the Firm <1 year -0 marks 1-2 year -3 marks Add 0.5 marks for each subsequent year subject to	5	5	5	5		5	5	5		3.5	3.5	3.5		0	0			5	5	5		0	0	0		0	0	
	TOTAL	100	76	92	92		85	95	95		98.5	94.5	98.5		90	90			54	65	95		95	95	95		66	90	
		10	7.6	9.2	9.2		8.5	9.5	9.5		9.85	9.45	9.85		9	9			5.4	6.5	9.5		9.5	9.5	9.5	DOB-	6.6	-	-
Age or	n bid due date: Not more than 70	years.				DOB- 24/10/1968 51 Years				DOB- 24/10/1968 51 Years				DOB- 24/10/1968 51 Years				DOB- 24/10/1968 51 Years				DOB- 13/9/1973 46 Years	3			19/10/197 2 47 Years			DOB- 26/10/19 46 Years

* Major Tunnel Project = having length more than 1.5 km.
Similar Capacity for Directional Coring Expert

i) On behalf of the Consultant/Contractor:

ii) In Government Organizations: -Nil

Evaluation of Technical Proposals

Project Name: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh

Summary of evaluation of Technical Proposals

S. No.	Description	Maximum Marks	GeoConsult India Pvt. Ltd. In JV with RITES Ltd.	with ATC and in	Eptisa India Pvt Ltd in Association with Eptisa Servicios De Ingenieria S.L.	Pty. Ltd. in JV with	Subterra Engineering India Pvt Ltd. in Association with Space Engineers Consortium Pvt Ltd.	TPF Getinsa	ERKAS- Turkish Engg Consulting & Contracting-TUMAS in association with AVOK
1	Relevant experience for assignments	40	30	39	28	26	29.5	30	22
2	Material Testing, Survey and Investigation, Equipment and Software Proposed	10	9.75	10	9.5	9.75	8.75	9.5	8.75
3	Qualifications and relevant experience of the proposed key personnel	50	42.80	42.18	41.91	43.62	40.76	45.36	42.52
	Total marks	100	82.55	91.18	79.41	79.37	79.01	84.86	73.27
	Remarks		Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal

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